

Agricultural Development Council Inc.

630 Fifth Avenue, New York, N.Y. 10020



Report for 1973

The Council on Economic and Cultural Affairs, Inc., was founded in 1953 by John D. Rockefeller 3rd. It was incorporated as a private nonprofit organization under the laws of the State of New York.

In 1963 the name was changed to The Agricultural Development Council, Inc., but the purposes remained unchanged from those stated in its original Certificate of Incorporation. In broad terms these are "charitable, scientific and educational and are designed to stimulate and

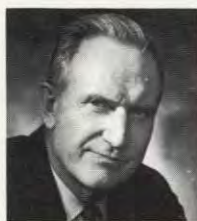
support economic and related activities important to human welfare."

The Council supports teaching and research related to the economic and human problems of agricultural development, primarily in Asia. It draws its basic financial support from Mr. Rockefeller and the Rockefeller Brothers Fund. In addition, specific projects of the Council are currently supported by the Ford Foundation, the Agency for International Development, and The International Development Research Centre.

Contents

| | |
|----|------------------------------------|
| 4 | Board of Trustees |
| 5 | Officers, Finance Committee, Staff |
| 6 | Preface |
| 7 | Interregional Activities in Asia |
| 10 | Research and Training Network |
| 12 | Staff Activities |
| 17 | Fellowship Program |
| 18 | Publications |
| 20 | Fellowships |
| 23 | Grants |
| 26 | Financial Statements |

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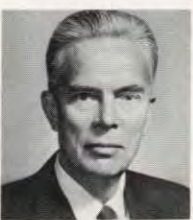
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- [°] Resigned August 31, 1973
- ^{°°} Appointed October 1, 1973
- ^{°°°} Retired July 31, 1973
- ^{°°°°} Appointed March 16, 1973

Preface



Retiring President Mosher and Incoming President Ruttan with Mr. Rockefeller, Chairman of the Board of Trustees.

The subsequent sections of this report outline the activities in which the Agricultural Development Council was engaged in the year 1973. Special attention is given to two of the Council's newest programs—the Interregional Program in Asia and the Research and Training Network Program. The Interregional Program, directed by Dr. Bryant Kearl, is centered at the Council's regional office in Singapore. The Research and Training Network Program, directed by Dr. Abraham Weisblat, is centered at the Council's New York office. Both programs are designed to strengthen professional communication and professional development in the rural social sciences and to enhance professional capacity to work on problems of agricultural and rural development. During the last year we have begun to establish more effective links between these two programs.

The most difficult task the Council faced during the year was the shift in Dr. Arthur T. Mosher's responsibilities. The program of the Council has evolved primarily under Dr. Mosher's direction. He succeeded J. Lossing Buck as Executive Director in 1957. He was President of the Council from 1967 to 1973. In 1973 he requested the Board of Trustees to locate a successor so that he might be free to devote the last several years before retirement to working as an A/D/C Associate at a field location. When I assumed the position of President in June of 1973, he consented to remain in the New York office as Vice-President for several months in order to assure a smooth transfer of responsibilities. In December 1973 Dr. Mosher became the Council Associate in Sri Lanka.

The program of the Council will continue to evolve. It is urgent that the Council complete its staffing of country Associate positions in Asia; the strength of the entire program rests primarily on its staff of professional Associates. By the end of 1973 steps had been initiated to locate Associates in Pakistan and Bangladesh. Although in recent years the Council has reduced its level of activities in the wealthier countries—in Japan, Korea and Taiwan—it lacks the resources to locate Associates in some of the poorest countries of South and Southeast Asia, including the landlocked countries of the Asian mainland and the relatively new seafar countries of Southeast Asia and the Western Pacific.

At the end of 1973 the Council was assured of continuing support for the strengthening of its Interregional Program in Asia by a new grant from the International Development Research Centre of Canada.

VERNON W. RUTTAN

Interregional Program in Asia



Bryant E. Kearl

The Council's Interregional Program under the direction of Dr. Bryant E. Kearl, provides a framework within which social scientists of Asian countries from Japan to Pakistan can keep in touch and work with one another as they address themselves to problems of agricultural development in their own countries. It is generally recognized in Asia that there is a primary need for greater intercountry contact among Asian scholars of similar interests.

The International Development Research Centre of Canada has continued its generous support of the Interregional Program. The substantial expansion of the program during 1972 continued throughout 1973 within a formula whereby the Council bears the cost of personnel and administration while the IDRC grant covers all direct program costs.

There are four program devices which the Council uses in encouraging professional interaction among Asian social scientists: One, the small working group which focuses on selected research or teaching topics. Two, personnel exchanges whereby Asian social scientists serve as visiting professors or consultants to meet interim short-term needs that periodically arise. Three, the support of a limited number of graduate assistantships for master's level training at Asian university social science departments. Four, publications of special value to teachers and researchers and generally not widely available are printed and circulated among a large Asian professional community.

Under these four program headings, the following activities were supported during 1973.

SEMINARS AND WORKING GROUPS

Agricultural Growth Rates in Japan, Korea and Japan. The IDRC grant was used to support participation of three persons: Benny S. Muljana (BAPPENAS, Indonesia), S. Selvadurai (Ministry of Agriculture, Malaysia), and Leonardo Paulino (Bureau of Agricultural Economics, Philippines). Two others, Dong-hi Kim of Korea and Somchit Nopakun of Thailand, were also invited but at the last minute were unable to attend.

Fresh Fruit and Vegetable Marketing. A Seminar attended by 17 persons from 10 countries held in Bangkok, February 15-20. Selected papers will be published; editing is in process.

Regional Differentiation in Agricultural Planning. Participants attended from India, Indonesia, Japan, Korea, the Philippines, Taiwan, and Thailand. Additionally, a paper was received from a Sri Lanka invitee unable to attend in person. Besides individual contributions, the meeting generated a summary paper by Arthur T. Mosher which will merit wider distribution. The meeting was held at the International Rice Research Institute in the Philippines, April 17-19.

M.A. and M.Sc. Program in the Economics of Agricultural and Rural Development. This meeting, held in Bangkok, April 24-28, produced an intensive and frank discussion of needs and problems in Master's degree training in universities in Asia. There were 36 participants from 20 universities in 10 countries, and 4 others from A/D/C and similar organizations. A formal report is being prepared by the sponsoring universities. One of the convenors, Dean Vinyi Vichit-Vadakan of the Faculty of Economics at Thammasat University, responded to its recommendations by undertaking a regular exchange of information among graduate teachers and departments. Thammasat University has offered to serve as a "clearing house" for listing of Master's and Doctor's theses completed, for research reports available, for exchanges of teaching materials, and for any other desired exchanges.

Income Improvement Programs for Smallholders. The basic group for this seminar included university and governmental teams from Indonesia, Malaysia, and Thailand made up of persons concerned with the economics of plantation crops. It also included a representative of the coconut authority in the Philippines. A week (May 12-18) was spent visiting and discussing smallholder programs in North Sumatra, three days (May 19-22) in Thailand, and nearly a week (May 23-29) in Malaysia. Coconut, rubber, oil palm and other tree crop projects were visited. Stimulus for the seminar was a concern about the plight of smallholders. The seminar generated important follow-up activities. A reporting committee met in June in Bogor to draft some materials for wider circulation. The seminar had discussed a wide range of possibilities for income improvement, some important constraints had been noted, and the strengths and limitations of many existing programs observed. The reporting committee is trying to summarize these points for the use of others not attending the seminar.

Extension Programs for Rural Women. The three-country visit in May, involving home economists and related staff from Malaysia, Indonesia, and the Philippines, proved useful and stimulating. Participants examined university teaching programs, extension projects, and the training of teachers and extension workers.

Teaching of Economic Theory. At earlier meetings this group had identified about 200 research articles which it viewed as filling an important teaching gap as examples of the empirical testing of economic theory in various Asian settings. At a workshop in Singapore, June 2-9, the group narrowed the list to about 40 titles considered worth reprinting for distribution to teachers and students in theory courses in Asian universities. Introductory explanatory statements have been prepared for each of the articles selected and the collection will be made available throughout Asia at a reasonable selling price.

Agricultural Economics in Southeast Asia. During the period of this report two opportunities were created for inter-country participation in national meetings of agricultural economists. Three Malaysians (Lim Sow Ching, RR Sia Tong Hock, and C. F. Low) and one Singaporean (Francis Chan, University of Singapore) attended the meeting of the Agricultural Economics Society of Thailand at Hatyai, April 3-6. Theme of the meeting was the tree crop economy, and two of the four participants we supported were asked to present papers which were well-received. Similar support was given two months later for three other Malaysians (Dr. Pasaribu and Encik Chew Tek Ann, University of Malaya; and Encik Mahzdan, Universiti Pertanian) to attend the 3rd National Agricultural Economics Conference of Indonesia at Ujung Pandang the last week of June and early July. Theme of the meeting was "agricultural development in Eastern Indonesia," but a number of the papers and discussions also had relevance to East Malaysia.

Water Management. The conference, July 5-7, was of special interest for two reasons. It included engineers and biological scientists as well as social scientists, and it included a review and discussion of several research projects about to be undertaken. Considerable initiative in its planning was provided by Thomas Wickham (IRRI), Gekee Wickham (UP-Los Banos), and Raymond Borton (A/D/C). Although the seminar dealt with the human side of water management, and particularly the question of organizing for equitable control and use of water, the engineering and natural science contribution proved extremely valuable. By discussing particular research



Two participants in the smallholders' seminar (Sjahrum Lubis of the Rubber Research Institute, Medan, Indonesia, and Ti Teow Choo of the Malaysian Department of Agriculture) looking at in-planting of sorghum in a new rubber plantation.

projects the group made some contributions to those projects and also had a chance to look at research priorities and needs. An almost immediate follow-up to the Philippine seminar occurred in Indonesia in early October. The Wickhams and Don Taylor (A/D/C-Bogor) joined with an Indonesian group from universities and governmental agencies in a seminar that took them to areas of new development and experimentation in irrigation.

Land and Resource Economics. The seminar at Hong Kong, November 18-21, concentrated initially on how to teach this subject in the universities of Asia. Western materials, based on different man-land ratios and different legal systems, have not been particularly useful. Little has been done as yet to organize the data and research from Asia to contribute to the teaching. The seminar was intended to stimulate a start on that endeavor.

CONSULTATION ON RESEARCH AND ON GRADUATE STUDY

A growing function of the A/D/C Interregional Program has been the promotion of consultations among persons sharing similar academic and professional interests. During the period of this report the following interchanges have occurred or have been authorized:

Leodegario Ilag (UP-Los Banos) to visit the field location of research by Faisal Kasryno in North Malaysia and to confer with research staff at the Muda Agricultural Development Authority (MADA), Alor Setar. (October 1973)

Gekee Wickham (UP-Los Banos) to visit research locations in Indonesia, consult with research workers, help conduct a local traveling seminar, and lead discussion of social and economic issues in irrigation. IDRC funds were also used to support part of the costs of the traveling seminar; A/D/C funds supported participation by Thomas Wickham (IRRI-Philippines) and some other seminar costs. (October 1973)

Mahar Mangahas (UP-Diliman) to meet in Sierra Leone (West Africa) with a group interested in research on manpower needs and employment opportunities. (November-December 1973)

Shou-jung Yang (National Chengchi University, Taiwan) to visit the Institute of Mass Communications, University of the Philippines, while returning from conference (under other auspices) in Singapore. (November 1973)

S. A. Qadir (Integrated Rural Development Program, Bangladesh) to confer with colleagues at the Indian Agricultural Research Institute and other institutions in Delhi, while returning from conference (under other auspices) at Bangalore, India. (September 1973)

Wuttitthep Indahapanya (potential staff member, Kasetsart University) to visit Vegetable Research Center at Kaohsiung, Taiwan, and vegetable marketing research areas in the Philippines. (October-November 1973)

VISITING PROFESSORSHIPS AND CONSULTANCIES

Professor Pedro Sandoval (University of the Philippines, Los Banos) will continue to serve as a Visiting Professor at Agricultural University of Malaysia until June 30, 1974, with the concurrence of his own university. Besides teaching and helping with curriculum development in agricultural economics, he is sharing in some of the broader planning problems of the new Malaysian university.

Professor Taraben Patel (Gujarat University, Ahmedabad, India) arrived at Los Banos in October to spend a term teaching rural sociology within the Department of Agricultural Education and Extension at the University of the Philippines. Visits to other universities will be included in plans for her return trip to India.

Mr. Faisal Kasryno (Agro-Economic Survey, Indonesia) is carrying out a research assignment with the Muda Agricultural Development Authority at Alor Setar, Malaysia. He will do research applicable to his M.Sc. degree program at the University of the Philippines—Los Banos, and also work on other areas of interest to MADA.

GRADUATE ASSISTANTSHIPS AND PUBLICATIONS

The two remaining important parts of the Inter-regional Program are the provision of graduate assistantships for study in Asian universities and the distribution among Asian social scientists of various publications.

During 1973 24 graduate assistants from 11 countries were supported at 7 universities. A listing of the graduate assistants will be found on page 21.

The publications program fills an important need in establishing contact among Asian social scientists. A listing of the 1973 publications will be found on page 18.



Ralph H. Retzlaff

Dr. Ralph H. Retzlaff of the University of California, Berkeley has accepted an appointment with the Council as Director of the Interregional Program, a position he will assume in 1974 following the return of Dr. Kearl to the University of Wisconsin. Dr. Retzlaff is currently an Assistant Professor of Political Science at Berkeley and Associate Director of the Institute of International Studies of the University of California.

Research and Training Network Program



A. M. Weisblat

The Research and Training Network is a program designed to facilitate interaction and cooperation among university personnel and the professional personnel of public and private technical aid agencies which focus on urgent problems in agricultural development. The major vehicles for achieving these objectives are seminars and workshops directed at major teaching and research problems in the area of agricultural development.

The RTN has sponsored 12 seminars and workshops involving 227 individuals over the last 12 months. About one-third of the people had not previously participated in the RTN program. In line with the RTN objective of greater interaction between Western and non-Western scholars concerned with agricultural development, the number of participants from the developing areas has increased.

TEACHING-TRAINING ORIENTED ACTIVITIES

Production Incentives Course. Since 1971, the RTN has sponsored a series of workshops aimed at designing a course on production incentives for farmers in developing countries. This past year saw the completion and testing of the course at Ohio State University. A course outline has been finalized as well as reading lists and case study material to be used in conjunction with classroom presentations.

The course outline includes discussion of different types of incentives in which a farm operates, and a review of policy instruments for inducing changes in production. This package of teaching material will be made available to development planners and administrators in developing nations, as well as to U.S. universities.

Administration of Agricultural Programs. A teaching manual and related materials for a short course on administration of agricultural programs in the developing areas are currently being put together and should be available in late 1974.

RESEARCH ORIENTED ACTIVITIES

In the past twelve months the RTN has sponsored major seminars as follows:

Trade, Agriculture and Economic Development. The major focus of the seminars was on the implications of changes in agriculture trade for developing areas. In the first session, a series of studies were presented reviewing the trade situation in a number of developing countries. The theme of the second conference was "Issues and Trade in Development, Outlook and Research Need for the 1970's." Implications from trade relations between developed and developing countries was critically examined with particular emphasis on the effects of the EEC and the changes in U.S. trade policy.

Nutritional Policies for Developing Areas. While there has been growing interest among national governments and international agencies in the development of programs to combat malnutrition, there has been relatively little research or support for such endeavors. International nutrition represents one of the few development sectors where program research has lagged seriously behind program development. At the same time, there has been a lack of consensus on the type of research which should be sponsored. Recognizing this, the RTN and the World Bank sponsored a meeting on Nutritional Policy and Programming Research. The purpose of the seminar was to produce an agenda of policy-oriented nutrition research priorities to assist country governments, the World Bank, other international and bilateral agencies and foundations in making rational choices in budgetary allocations for this kind of research. The participants included international specialists in a wide range of subject matters areas, with common interest and experience in nutrition programs and research. Other meetings dealing with this subject were held at Stanford Food Research Institute and Vanderbilt University.

Economics of Farm Mechanization. Many developing countries face major decisions on how rapidly they should mechanize their agriculture and on the role of the public and private sectors in this process. The decisions are particularly acute since underdevelopment and unemployment are rising in many such countries. Mechanization involves the substitution of capital for labor, but there may also be a counterbalancing increase in the demand for labor following mechanization due to increases in cultivated acreage and crop intensity. Therefore, a careful empirical analysis is required if the outcome of each alternative policy is to be predicted. This seminar brought together a group of economists and one engineer who were currently engaged in research

on farm mechanization in developing countries in order to examine alternative methods of analysis. The seminar reviewed the previous research on agricultural mechanization, continued with an examination of the different kinds of empirical research needed for policy analysis, and concluded with some suggested redirections in research on the economics of farm mechanization in developing areas.

IICA Hemispheric Marketing Workshop. There has been a considerable increase in the need for technical cooperation as one vital element in furthering agricultural development in the IICA countries. As an initial phase to a new program undertaken by IICA, a seminar was held to discuss program strategies and to analyze needs and possibilities for international technical cooperation in the marketing of agricultural products. The workshop made possible a fruitful dialogue among officials and technicians of public organizations with close ties to the marketing activities of 15 Latin American countries, American professors with experience in the problems of Latin America, officials of international organizations and IICA marketing program technicians. This workshop was held in San Jose, Costa Rica with assistance from the RTN.

In addition, groundwork has been laid for the continuation of work on Agricultural Sector Analysis and Planning, and The Role of the Public Sector in Development, and Interaction Between Social Scientists and Agricultural Scientists.

PUBLICATIONS PROGRAM

The RTN publication program is another vehicle for facilitating communication among scholars. The *Newsletter*, issued three times a year, describes the

RTN program and reports on the progress of workshop groups, summarizes seminars and provides cooperation regarding materials generated through RTN activities. The Seminar and Workshop Report series provide a wider distribution of the discussions of the RTN meetings. This year 5 seminar reports have been issued, summarizing the discussions and findings of the seminars and providing bibliographies on the subject matter covered. (See p. 19.)

The Land Policy and Production Incentive Course materials have been distributed and a report on Nutrition and Development will be available in the next few months.

This year the RTN has cooperated with international aid agencies and professional societies in a number of projects. In two instances, the World Bank has asked us to convene a group of professionals to review areas in which the Bank is studying investment possibilities.

The American Agricultural Economics Association, as another example, has requested the RTN to administer a special program for the review of U.S. training and related research for LDC graduate students. This planned series of three workshops will be funded by a special grant from the Rockefeller Foundation.

Continuing Need for the RTN Program

All evidence indicates a continuing need for the RTN program. The means for providing interaction among professionals concerned with rural development are limited. RTN is a major source of funds for providing such interaction, particularly for younger social scientists, as well as allowing for a greater interchange among Western and non-Western scholars. The program also helps to identify the new generation of professionals emerging in both developed and developing areas. We are now discussing with AID possible further support of the program after 1975.



Participants at the RTN Seminar on Nutrition, Vanderbilt University, May 18-19, 1973.

Staff Activities



MILTON L. BARNETT

Dr. Barnett, an Associate of the Council since 1962, continued until August 31, 1973 as the Associate for Malaysia before moving to Ithaca, New York as a professor in Rural Sociology at Cornell University.

Dr. Barnett's work as both a Council Associate and as a staff member of the Implementation-Coordination Unit of the Prime Minister's Department centered around teaching, research evaluation studies, and the development of grants and projects.

His formal teaching involved coordinating a course in social research methods for sixteen government officers of several ministries. The group met weekly in three-hour sessions centered on the design and the carrying out of individual projects.

Research activities were related primarily to the concerns of government officers engaged in studying such problems as the migration of off-shore fishermen, modes of decision making in a Malay rural community, a study of bureaucracy and development, and farmer responses to multi-purpose farmer organizations. Evaluation studies were undertaken of the extension operations of the Muda River Scheme in Kedah and an analysis of operational and administrative problems of the Kemubu Irrigation Scheme in Kelantan.

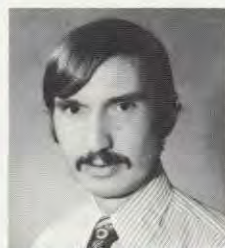
He assisted in developing projects for Council assistance including an in-service training program for officers of the Federal Marketing Authority, a study tour for persons concerned with the production and processing of tapioca, and a program among four countries (Malaysia, Thailand, Philippines, and Indonesia) for the strengthening of extension programs for rural women.

Dr. Barnett's work in Malaysia in recent years within several ministries gave him a unique opportunity to work on problems of development as a social scientist within a government bureaucracy. His contributions to the Council's program throughout Asia have been as valuable as they have been diverse.



HANS P. BINSWANGER

Hans P. Binswanger, the new Associate for Pakistan, joined the staff in October 1973. He spent the last three months of the year at the University of Minnesota while arrangements were worked out for a suitable location in Pakistan. During that time he continued his research in the area of induced innovation with particular emphasis on the microeconomic foundations of this theory. In addition he finished empirical work with Mitoshi Yamaguchi on the effect of population growth and technical change on the interaction of the agricultural and nonagricultural sectors of developing economies with Japan and the U.S. as examples.



RAYMOND E. BORTON

A wide variety of ADC supported activities were encouraged or administered in the Philippines by ADC Associate Raymond E. Borton during 1973. Assigned as a Visiting Professor in Agricultural Economics at the University of the Philippines at Los Banos, he has supported teaching and research projects that involve not only the U. P. College of Agriculture but several other colleges and universities as well.

With ADC support a Farm Management Syllabus writing committee has produced a useful draft which will be tried out by teachers during the next year. Six agricultural college administrators received special training: two at the Asian Institute of Management and four at an Agricultural Development Project Planning Workshop. A workshop on teaching cooperatives was held in May, attended by staff members from seventeen colleges of agriculture.

A research project on "Women in Agriculture" is in progress; it will document the increasingly female student bodies at colleges of agriculture and the problems that face women graduates in obtaining employment in agriculture. All of these projects were organized through the Association of Colleges of Agriculture in the Philippines with ADC financial help.

Special research projects activated in 1973 by Dr. Borton include: (1) Land Tenure Motivation in Laguna, (2) Patterns of Labor Use in Rice Farming, and (3) Filipino Farm Case Studies. The latter will become part of the farm management teaching materials to accompany the new syllabus.

During the second semester Dr. Borton taught a special topics course entitled "Food and Nutrition Economics." It is part of an effort by the Department of Agricultural Economics at U. P. Los Banos to institute a new M.S. curriculum in this subject. In addition, he organized a series of departmental seminars on land reform topics.

Assisting the increasing numbers of ADC sponsored graduate assistants is part of the Associate's task in the Philippines. Students from Indonesia, Malaysia, Thailand, Bangladesh, Korea, Nepal, India, Pakistan and the Philippines are studying at U. P. Los Banos, U. P. Diliman and Ateneo University through the ADC Inter-Regional program.

In the ADC Visiting Professor program in Asia, one faculty member from the Philippines went to Malaysia and one from India came to the Philippines. Two ADC Research Fellows did their dissertation data collection in the Philippines during 1973. Dr. Borton was involved in the arrangements for these individuals.

Dr. Borton helped to organize and participated in three Inter-Regional Workshops held in the Philippines in 1973. He also attended two that were held outside the country.



WILLIAM L. COLLIER

Dr. Collier completed his fifth year as a participating consultant to the Agro-Economic Survey, working alongside the AES Director, Dr. A. T. Birowo.

Dr. Collier's activities throughout the year centered in the research and training activities of the AES. He concentrated on the analysis and reporting of past research, helping in the initiation of new research projects, and participating in the training of AES staff.

His specific research interests include the study of the government's rice intensification program by means of data being gathered over eleven crop seasons in 37 villages, research workshops on the production and marketing of livestock in Eastern Indonesia, a study of the economic potential of brackish water ponds, smallholder tree crop diversification, and extension needs for farmers participating in the government's BIMAS programs.

The major new AES research undertaking is to be a study of "rural dynamics." The principal objectives are to secure information on economic and social change in the rural areas of the country, and on factors and institutions that influence development at the village and rural town level. Such a study will necessarily be long-term and country-wide in order to capture the diversity of people, regions, social and economic conditions, and agriculture in a nation that extends three thousand miles from east to west.

The initial planning has focused on financial requirements, manpower and training needs, and questions of methodology. It is hoped that by mid-1974 a total of ten regional research teams will be in place.



ALBERT H. MOSEMAN

Dr. Moseman made the New York office his headquarters during 1973, giving major attention to preparation of a monograph on organization and management of agricultural research. He also continued to serve in a review and advisory capacity on national agricultural research organizations in Asia.

In February Dr. Moseman joined a team supported by the Food and Agriculture Organization and the Danish International Development Association (UNIDA) to develop recommendations for strength-

ening the agricultural research capabilities in Bangladesh. In March he served as leader of the Second Joint Pakistan-American Agricultural Research Review Team to consider the strengthening of the national agricultural research system in Pakistan. These reviews were essentially follow-up of the study in which Dr. Moseman participated in March-April of 1968 when the First Joint Pakistan-American Agricultural Research Review Team developed proposals for improving the research resources in what was then East Pakistan and West Pakistan.

Dr. Moseman continued his consultations with leaders of the Philippine Council of Agricultural Research, with visits to the Philippines in March and October. He spent about six weeks, from mid-September, consulting on the organization and operation of the newly consolidated Department of Agriculture in Thailand, which merged the former Rice Department and Department of Agriculture. The time in Thailand extended over the weekend of October 14 when the student demonstrators caused the change in government.

Dr. Moseman is terminating his more than six years with the Agricultural Development Council in January 1974. He will continue his interests in agricultural research organization and agricultural development as a consultant with the Rockefeller Foundation, the World Bank, and other organizations.



ARTHUR T. MOSHER

Following Dr. Mosher's shift in responsibilities he became the Council's Associate for Sri Lanka.

Prior to this departure for Sri Lanka he devoted a major part of his time to the writing of a manuscript, "Serving Agriculture as an Administrator." This manuscript is to serve as a part of a larger publication for middle level management people working in agricultural and agriculturally-related agencies in Asia. The publication will be a culmination of an RTN activity conducted over the past two years jointly by the East-West Center and the Council.

In December Dr. Mosher established residence at the Peradeniya campus of the University of Sri Lanka where he is to serve as Visiting Professor in the De-

partment of Agricultural Economics and Extension. He is to work with Dr. Jogaratnam, the Head of the Department, and other faculty members in developing a Master's program for training staff for agricultural agencies in the country.



SHAO-ER ONG

Dr. Ong is the Council's Associate for Thailand and Nepal. In Thailand, he works primarily with professional colleagues at Kasetsart University. He also keeps in touch with a network of individuals at other universities in Bangkok, Thammasat and Chulalongkorn, at regional universities in Chiangmai and Khon Kaen, at various departments in the Ministry of Agriculture and at the F.A.O. and E.C.A.F.E. offices.

Dr. Ong and M. C. Chakrabandhu, the Rector of Kasetsart University, conducted a joint study on the development programs and problems of leading agricultural universities in Asia. In a series of three extended trips they visited fourteen universities in 10 Asian countries.

He participated in four interregional program workshops during the year, made several visits to Katmandhu to interview prospective fellowship candidates and to make preliminary plans for an exchange between Nepalese and Thai home economists. In August, in connection with his home leave, Dr. Ong participated in the XV International Congress of Agricultural Economists at Sao Paulo, Brazil.

Dr. Ong has given major attention to assisting with an in-service training program within the Ministry of Agriculture and Cooperatives. Following an earlier training program within the M.O.A.C.'s Division of Agricultural Economics for which the Council made a grant in 1972, the new proposal is for a Training Academy. It is hoped that the Academy, in cooperation with local university and government staff, will be able to provide in-service training courses for large numbers of MOAC employees in an attempt to upgrade their knowledge and technical skills and thus enhance job performance and career advancement.



HERMAN M. SOUTHWORTH

On July 31 Dr. Southworth retired from the Council after seven years as the Associate for East Asia and Visiting Professor of Agricultural Economics of Seoul National University at Suwon.

During the first quarter of the year he continued his work at Suwon, teaching the Marketing course and supervising student research and theses.

In February he participated in the Interregional workshop in Bangkok on fruit and vegetable marketing.

Later in the year, Dr. Southworth moved to Singapore to undertake writing and editing responsibilities in the Council's Asia office. He assisted in the preparation of materials for a special Seminar on Taiwan Agricultural Development, and edited papers for two volumes to be published by the Council, one on the Marketing of Fruits and Vegetables, and one on Agricultural Mechanization.

On the eve of Dr. Southworth's departure from Korea the President of Seoul National University conferred on him the honorary degree of Doctor of Agriculture.

Dr. Southworth has made important contributions to South Korea during his years there and to the Council over a longer period of time dating back to 1964 when he assisted in the Training Materials program and in the editing of numerous Council publications.



ALAN M. STROUT

Dr. Strout was active during the year on many fronts as the Council's Associate for Indonesia.

As a Visiting Professor of Economics at the University of Indonesia in Jakarta he continued his course in Introductory Econometrics.

His research interests included a documentation of the very low spread observed in grade averages among Indonesian university students; "an example," he concludes, "of a national passion for egalitarianism." He prepared two papers on the Indonesian input-output program, one on the use of research in shaping public policy, one on rural dynamics, and one on the role of regional universities in promoting regional development.

Dr. Strout's main area of activity was his continued involvement in the SPRSS (Supplemental Program in the Rural Social Sciences). The SPRSS with its network of teaching, research, and training activities, its support from the Indonesian Advisory Committee, and its generous funding from the Ford Foundation is described more fully in the 1972 Annual Report (see page 12). The SPRSS completed its second year with several useful innovations and is now generating a large backlog of possible candidates for overseas graduate training.

The SPRSS program benefitted throughout the year from the able assistance rendered by John Duewel who serves as a "Participating Consultant." Mr. Duewel bore major administrative responsibilities as well as undertaking university visits and participating in many of the SPRSS workshops and training programs.

One new program device that surfaced during the year is a plan to make use of a select number of *Visiting Research Fellows* under SPRSS support. It is hoped that places may be found at some of the regional universities to employ the services of young pre-doctoral candidates who would spend up to two years in residence; in part, conducting their own thesis research, and, in part, assisting in local research and training efforts.



DONALD C. TAYLOR

Dr. Taylor gave primary attention during the year to teaching and research activities as a Visiting Professor at the Institute Pertanian Bogor.

His major research is in the area of gravity-flow irrigation. He continued his work with Indonesian colleagues aimed at recommending a system of water charges to be assessed against farmers benefiting from the Pakalen Sampean Irrigation Project in East Java. In this connection, Dr. Taylor collaborated with Tom and Gekee Wickham of the Philippines in a study travel tour involving IPB staff, staff of Satya Wacana University, and officials of the Agriculture and Public Works departments. A later seminar on water-management policies was held at Jakarta.

He participated in the work of the I.P.B. Socio-Economic Department's eight-month research methodology workshop, and collaborated with colleagues in the planning for a more course-oriented B.Sc. and M.Sc. program at I.P.B.

Dr. Taylor's activities in Indonesia during the year also included visits to several of the regional universities outside of Java, participation in some of the workshops of the Agro-Economic Survey, and interviewing prospective candidates for graduate study awards, either as ADC Fellows or as graduate assistants.

He continued to look after Council interests in Sri Lanka and South India by means of periodic visits during the year. In the course of these visits he led several seminars, met with former Council fellows, interviewed prospective fellowship candidates, and renewed contacts at two important centers of interest, the University of Sri Lanka at Peradeniya and Andhra University at Waltair.

Dr. Taylor also completed work on an article on "sorting strips," a device for analyzing research data. He left Indonesia for home leave at the end of the year preparatory to his reassignment as the Council's Associate for Malaysia.



C. GEOFFREY SWENSON

Dr. Swenson joined the Council as an Associate for Indonesia in March.

For a period of six months he worked in the New York office where he carried out special assignments and undertook intensive Indonesian language study.

In October, the Swensons moved to Indonesia, settling for the first six weeks at Bandung where Dr. Swenson continued his language studies and developed professional contacts with the staff of the Faculty of Agriculture at Padjadjaran University.

In November Dr. Swenson moved to Bogor where he began his work as Visiting Professor of Agricultural Economics in the Sosek Department.

Dr. Swenson plans to pursue his earlier research work and interest in the area of income distribution.

The Fellowship Program



A. R. Stevenson

The fellowship program with an annual expenditure in the neighborhood of \$400,000 remains a major activity of the Council.

There are several trends which continue to characterize the program; namely, limiting U.S. fellowship awards primarily to Ph.D. candidates, supporting a smaller total number of individuals but for longer periods of time, and the development of the Master's level programs in Asia under the Graduate Assistantship awards administered through the Asia Office.

We continue to try to build into the program of each Fellow provision for research experience as a supplement to the course sequences during the pre-thesis years. Additionally, a larger number of Fellows are returning to their own countries to do field research for their thesis with the encouragement of the Associates, the Council staff, and the U.S. university advisors. During 1973, there were six Fellows who conducted their research in Asia. Other Fellows now in the U.S. are planning to follow this route when they reach the appropriate stage in their doctoral programs.

The cost of U.S. training continues to increase. This is largely accounted for by increases in tuition for nonresident students and by the rise in the cost of living at university centers which is reflected in higher monthly maintenance payments. Our estimates for supporting a man with his wife through a four-year Ph.D. program are on an average of \$42,000. The cost for a two-year Master's program in the U.S. is approximately \$12,500. The comparable figure for a Master's program in Asia is less than half that figure. For example, a two-year program of training at the University of the Philippines, Thammasat or Kasetsart universities in Thailand, or Andhra University in South India, is about \$5,000.

The staff has continued its program of campus visits. Each Fellow is visited on campus at least once a year. Such visits provide a good opportunity to confer with the individual Fellow as well as his advisor and others in the department regarding his program,

his progress, and such problems as come to light only in personal conversation.

We continue our policy of requiring attendance at the summer program of the Economics Institute at Boulder, Colorado for each Fellow majoring in economics or agricultural economics and without prior U.S. study. The costs for the nine-week Economics Institute program require an additional outlay of approximately \$2,000 for each participant. Costs notwithstanding, we regard the Boulder program as a valuable one and are impressed by the preparation it provides for new Fellows at a number of points. They receive intensive instruction in three areas: English (where required), math, and economic theory. In addition, the students are able to make an early adjustment to life in the United States, to American university teaching methods, and to make the acquaintance of other foreign students from many different countries. An evaluation of the students performance is forwarded to the receiving department as an aid in planning the first year of work.

The AID grant which began in 1972 and will terminate in 1975 provides us with a total of \$200,000 per year in direct reimbursement to the costs of the fellowship program. At the end of this year under review there were a total of 34 Fellows studying at 16 universities. Twenty-nine of these are in agricultural economics as a major field, five are in rural sociology. During 1973 11 Council fellowships were completed while 10 new ones were begun.

Early in 1974 the Council will issue a new and updated Directory of Fellows. Since the Council was founded in 1953 it has awarded 346 fellowships and graduate assistantships to a total of 321 Asian social scientists in 15 Asian countries. Individuals have studied at 48 universities of which 32 are in the U.S., 10 in Asia, and 6 elsewhere.

As of December 31, 1973, there are 123 of this group on the staffs of universities in Asia (48%). Another 75 (29%) are working in their home countries in governmental or public agencies of one kind or another. International agencies (UN, FAO, ECAFE, and others) employ 21 of the group (8%), 12 of whom work in Asia. Nine (4%) are in business in their home countries. These figures suggest that the A/D/C strategy has been remarkably successful. Since the intention of the program is to strengthen the social science manpower resource in Asia, it is encouraging that 85% now live and work in the Asian region. Asian universities and governmental or public agencies have retained the services of 77% of the "potential employment pool." Although international agencies employ 8% of this group of former Fellows, the majority of these individuals are working in Asia.

Publication and Information Activities

ADC publishes a series of regular and occasional publications including newsletters, reprints, pamphlets, monographs and books. The objectives and distribution policies for each of these publications are outlined below.

NEWSLETTERS

ADC prints two newsletters.

The *ADC Newsletter* is issued three or four times each year. It carries information on ADC staff activities, program developments and publications.

The *RTN Newsletter* reports on activities conducted by the Research and Training Network (RTN) program of seminars and workshops on teaching and research in agricultural and rural development.

Both newsletters are distributed to the mailing list of approximately 9,000 maintained in New York. The mailing list includes former ADC Fellows, participants in seminars and workshops, and other individuals and organizations who share ADC's interest in rural development. In addition each ADC Associate is provided with a supply of newsletters which he may distribute at his discretion.

REPRINTS

ADC maintains four reprint series.

ADC Reprints include published papers of broad interest to professionals in fields related to agricultural and rural development. Recommendations that a paper be reprinted are usually made by ADC staff or officers. The *ADC Reprints* are issued three or four times each year from New York.

The *ADC Teaching Forum* includes papers selected primarily from Asian sources that are judged to be useful for classroom purposes and deserve wider distribution than achieved through their original publication. The *Teaching Forum* is issued ten to twelve times each year and is distributed from the office of ADC interregional program in Singapore.

RTN Reprints are selected because of their particular relevance to the topic of a particular RTN seminar/workshop. Copies are distributed to the ADC New York mailing list.

ADC Staff Papers are reprints of professional papers published by the ADC staff. Copies are made available to officers and Associates. Additional distribution is left to the discretion of the author of individual papers.

The former *ADC Papers* series has been discontinued. Individual staff members do, of course, reproduce and distribute papers which reflect their professional contributions or which may further their program responsibilities.

PAMPHLETS

The *RTN Seminar Reports* are a product of the RTN workshop and seminar program. They include materials useful to the activities of a workshop and reports of workshop and seminar deliberations. Copies are distributed to the entire New York mailing list.

MONOGRAPHS AND BOOKS

ADC occasionally publishes and distributes monographs written by its staff or resulting from or relating to ADC programs.

Books based on professional efforts of individual staff members or conferences sponsored by ADC are typically published commercially but may be distributed by ADC.

ANNUAL REPORT

ADC is also, from time to time, able to help in other ways to encourage exchange of information in the rural social sciences in Asia. In particular, it has made book and journal grants to professional libraries.

All ADC publications are identified by a date and/or a serial number. Reprints include all the information needed for complete bibliographic citation to the original source.

1973 PUBLICATIONS

Papers

- P23 Penny, D. H., *The CIAWI Training Center: A Case Study in the Teaching of Social Science Research Methods*. May 1973

Staff Papers

- 73-1 Ruttan, V. W., and Yujiro Hayami, *Technology Transfer and Agricultural Development*. Reprinted from *Technology and Culture*, Vol. 14, No. 2, Part 1 April, 1973.
- 73-2 Strout, A. M., *Foreign Capital and Indonesian Economic Growth*. Reprinted from the *Bulletin of Indonesian Economic Studies*, Vol. IX, No. 2, July 1973.
- 73-3 Collier, W. L., Gunawan Wiradi and Soentoro, *Recent Changes in Rice Harvesting Methods*. Reprinted from the *Bulletin of Indonesian Economic Studies*, Vol. IX, No. 2, July 1973.
- 73-4 Mosher, A. T., *Higher Education in the Rural Social Sciences*. Reprinted from the *American Journal of Agricultural Economics*. Vol. 55, No. 4, Part II, November 1973.

Reprints

- R24 Khan, Hameed Akhter, *A History of the Food Problem*, October 1973, 9 pp. Reprinted from Michigan State University Asian Study Center, South Asian Series, Occasional Paper No. 20.
- R25 Ruttan, V. W., *Induced Technical and Institutional Change and the Future of Agriculture*. December 1973, 11 pp. Reprinted from *The Future of Agriculture: Theme Papers*. Institute of Agricultural Economics for I.A.A.E., University of Oxford. August 1973, pp. 16-33.

Research and Training Network

- RTN-1 Tinnermeir, R. and Dowswell C., *RTN Workshop Report No. 1: Small Farm Credit*, March 1973, 11 pp.
- RTN-2 Hicks, W., *RTN Workshop Report No. 2: Interrelations Between Population Employment and Economic Development: A Bibliography*, May 1973, 10 pp.
- RTN-3 Levine, G., Capener and Gore, P., *The Management of Irrigation Systems for the Farm Level: A Seminar Report*, August 1973, 11 pp.
- RTN-4 Sorenson, V., *RTN Seminar Report No. 3: Issues in Trade and Development*, October 1973, 12 pp.
- RTN-5 Gemmill, G., Eicher, C., *RTN Seminar Report No. 4: The Economics of Farm Mechanization and Processing in Developing Countries*. December 1973, 10 pp.

- No. 27 "Basic Issues of the Environment in the Developing Countries," Founex Committee Report & Scope Working Party Report. Founex, Switzerland, June 1971.
- No. 28 Rashid, Abdur, and Chaudhry, M. Aslam, "Marketing Efficiency in Theory and Practice," University of Agriculture, Lyallpur, Pakistan, April 1973.
- No. 29 Elder, Joseph W., "Using Survey Research Methods in Traditional Societies." Reprinted from *Structure and Change in Indian Society*, edited by Milton Singer and Bernard Cohn, and by the Aldine Publishing Co., Chicago 1968.
- No. 30 Bhati, U. N., "Technical Knowledge as a Determinant of Farmers' Income." Reprinted from the *Malayan Economic Review*, April 1973.
- No. 31 Wickham, Gekee Y., "The Sociology of Irrigation: Insights from a Philippine Study." Compiled from her Masters' thesis, University of the Philippines, College of Agriculture, Los Banos Philippines, July, 1973.
- No. 32 Kearl, Bryant, "Master's Degree Standards and Procedures: Some Notes from the Thammasat-Kasetsart Workshop." July 1973.
- No. 33 Hamid, Javed, "Agricultural Mechanization: A Case for Fractional Technology." Reprinted from the *Pakistan Economic and Social Review*, Dept. of Economics, University of the Punjab, Lahore, Pakistan, September 1973.
- No. 34 "The Measurement of 'Well-Being' (An OECD Programme) Compiled by the Agricultural Development Council, Asia Office, from OECD materials, OECD, Paris, September 1973.

INTERREGIONAL PROGRAM PUBLICATIONS (Asia Office)

Pamphlets

1. V. Shah, *Research Designs and Strategies*, Agricultural Development Council, Singapore, 1972.
2. H. A. Chaudhari, *Preparing Research Proposals*, Agricultural Development Council, Singapore, 1972.
3. G. Castillo, *Research and the Action Program*, Agricultural Development Council, Singapore, 1972.
4. V. Shah, *Reporting Research*, Agricultural Development Council, Singapore, 1972.

Teaching Forum

- No. 25 Wijemanne, E. L., and Sinclair, M. E., "Teaching Occupational Skills in the Secondary School Curriculum." Reprinted from MARGA, Vol. 1 No. 4, Center for Asian Studies, Sri Lanka, January 1973.
- No. 26 Wong, John, "An Economic Overview of Agriculture in the People's Republic of China." Compiled from a lecture at the First New Zealand International Conference on Chinese Studies at the University of Waikato, Hamilton, January 1973.

Fellowships



Grace Tongue

Alhambra Rachman, Senior Staff Member, Bureau for Planning, Department of Agriculture, Jakarta. Ph.D. studies in Agricultural Economics at Montana State University.

Donato B. Antiporta, Instructor, Department of Agricultural Economics, College of Agriculture, University of the Philippines at Los Banos, College, Laguna. Ph.D. studies in Agricultural Economics at the University of Minnesota.

Affendi Anwar, Assistant Professor, Faculty of Agriculture, Bogor Agricultural University, Bogor. Ph.D. studies in Agricultural Economics at Montana State University.

Victoria M. Arcega, Research Associate, College of Public Administration, University of the Philippines, Manila. Ph.D. studies in Sociology at Michigan State University.

Mohammed Ariff bin Hussein, Lecturer, Agricultural University of Malaysia, Serdang, Selangor. Ph.D. studies in Agricultural Economics at Pennsylvania State University.

†Sjarifuddin Baharsjah, Assistant Rector, Social Economics Department, Bogor Agricultural University, Bogor. Ph.D. studies in Agricultural Economics at North Carolina State University.

Siddanaik Bisaliah, Assistant Professor, Department of Economics, University of Agricultural Sciences, Hebbal, Bangalore. Ph.D. studies in Agricultural Economics at the University of Minnesota.

†Boontham Chit-anan, Head, Vocational Education Department, College of Education, Kasetsart University, Bangkok. Ph.D. Studies in Agricultural Education at Cornell University.

Truong Quang Canh, Deputy Director General, Agricultural Development Bank, Saigon. Ph.D. studies in Agricultural Economics at Ohio State University.

*Eduardo S. Canlas, Assistant Director, Southeast Asia Rural Social Leadership Institute, College of Agriculture, Xavier University, Cagayan de Oro City. Ph.D. studies in Agricultural Economics at Ohio State University.

Choe Yang Boo, Researcher, Agricultural Economics Research Institute, Ministry of Agriculture and Fisheries, Seoul. Ph.D. studies in Agricultural Economics at the University of Missouri.

*Raymundo E. Fonollera, Assistant Professor III, Central Mindanao University, Musuan, Bukidnon. Ph.D. studies in Agricultural Economics at Oregon State University.

Harun bin Derauh, Selangor. Ph.D. studies in Rural Sociology at the University of Kentucky.

Irlan Soejono, Lector, Faculty of Agriculture, Bogor Agricultural University, Bogor. Ph.D. studies in Agricultural Economics at Iowa State University.

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†Florentino Librero, Assistant Professor, College of Agriculture, University of the Philippines at Los Banos, College, Laguna. Ph.D. studies in Agricultural Extension at Louisiana State University.

*Bekha Lal Maharajan, Assistant Agricultural Economist, Department of Food and Agricultural Marketing Services, Ministry of Food, Agriculture and Irrigation, Kathmandu. Ph.D. studies in Agricultural Economics at the University of Missouri.

†Margono Slamet, Head, Bureau of Extension, Bogor Agricultural University, Bogor. Ph.D. studies in Agricultural Extension at Louisiana State University.

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*Mokhtar bin Tamin, Lecturer, Faculty of Economics and Administration, University of Malaya, Kuala Lumpur. Ph.D. studies in Agricultural Economics at the Food Research Institute, Stanford University.

†Upali Nanayakkara, Economist, Mahaweli Development Board, Colombo. Ph.D. studies in Agricultural Economics at Michigan State University.

Narong Srisawas, Junior Lecturer, Department of Social Sciences and Humanities, Kasetsart University, Bangkok. Ph.D. studies in Rural Sociology at Pennsylvania State University.

- Thamrin Nurdin, Lector, Faculty of Agriculture, Andalas University, Padang. Ph.D. studies in Agricultural Economics at the University of Hawaii.
- †Pote Boonruang, Head, Advisory and Counseling Office, Faculty of Agriculture, Kasetsart University, Bangkok. Ph.D. studies in Agricultural Extension at Louisiana State University.
- *Chaganti Ravindra Prasad Rao, Lecturer, Department of Sociology and Social Work, Andhra University, Waltair. Non-degree studies in Sociology at the University of Illinois.
- Radzuan bin Abdul Rahman, Lecturer, Agricultural University of Malaysia, Serdang, Selangor. Ph.D. studies in Agricultural Economics at Cornell University.
- Anthony J. Reutens, Acting Chief Agricultural Economist, Federal Agricultural Marketing Authority, Kuala Lumpur. Ph.D. studies in Agricultural Economics at the University of Illinois.
- †Mohd. Rosli bin Abdul Aziz, Manager, Department of Research and Evaluation, Agricultural Bank of Malaysia, Kuala Lumpur. M.A. studies in Economics at the University of Bombay.
- †S. N. Samuel, Economist, Economic Research Department, Central Bank of Ceylon, Colombo. Ph.D. studies in Agricultural Economics at Michigan State University.
- Nimal E. H. Sanderatne, Economist, Economic Research Department, Central Bank of Ceylon, Colombo. Ph.D. studies in Agricultural Economics at the University of Wisconsin.
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- P. D. Sathyapala, Peradeniya Ph.D. studies in Agricultural Economics at the University of Wisconsin.
- Rudolf S. Sinaga, Social Economics Department, Bogor Agricultural University, Bogor. Ph.D. studies in Agricultural Economics at Montana State University.
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- J. V. Venkataram, Associate Professor, Department of Agricultural Economics, University of Agricultural Sciences, Hebbal, Bangalore. Ph.D. studies in Agricultural Economics at the University of Illinois.
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- †Wirjadi Prawirodihardjo, Assistant Professor, Faculty of Agriculture, Bogor Agricultural University, Bogor. M.S. studies in Agricultural Economics at the University of Kentucky.
- William Wong Yen, Penang Ph.D. studies in Agricultural Economics at the University of Minnesota.
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GRADUATE ASSISTANTSHIPS

- Jose M. Alkuno, Jr., Central Mindanao University, Musuan, Bukidnon. M.S. studies in Agricultural Economics at the University of the Philippines at Los Banos.
- †Muhammad Amin Aziz, Social Economics Department, Bogor Agricultural University, Bogor. M.S. studies in Rural Sociology at the University of the Philippines at Los Banos.
- †Apisith Issariyanukula, Department of Agricultural Economics, Faculty of Economics and Business Administration, Kasetsart University, Bangkok. M.S. studies in Agricultural Economics at National Taiwan University.
- *Muhammad Akhtar Bajwa, Faculty of Agricultural Economics and Rural Sociology, University of Agriculture, Lyallpur. Non-degree studies in Agricultural Economics at the University of the Philippines at Los Banos.
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*Wan Lokman Ibrahim, Agricultural Bank of Malaysia, Kuala Lumpur. M.S. studies in Agricultural Economics at the University of the Philippines at Diliman.

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*Syed Azizan bin Syed Mohamad, Muda Agricultural Development Authority, Alor Star, Kedah. M.S. studies in Agricultural Economics at the University of the Philippines at Diliman.

*Activated in 1973

†Completed in 1973

Grants

| | | | |
|--|------------|---|------------|
| Allahabad Agricultural Institute Allahabad India Supplement to 1969 grant in support of research entitled "Effect of Aspirational Level on the Adoption of Recommended Practices in Cultivation of High-Yielding Varieties of Wheat and Rice in Uttar Pradesh" | \$ 150.00 | Dr. Ying-chin Chiang. National Taiwan University Taipei, Republic of China Travel grant to return to Taipei and join the staff of the Department of Agricultural Economics, National Taiwan University | 1,698.48 |
| Mr. Nihal Amerasinghe..... Faculty of Agriculture University of Sri Lanka Peradeniya, Sri Lanka Supplement to 1972 grant in support of Ph.D. program at Wye College, University of London | 1,530.73 | University of Hawaii..... Sea Grants Program Honolulu, Hawaii 96822 Final supplement to 1969 grant in support of research project entitled "Two Coordinated Studies of Factor Facilitating and Impeding the Adoption of New Rice Varieties in Indonesia and East Pakistan" | 285.00 |
| Association of Colleges of Agriculture in the Philippines..... University of the Philippines College, Laguna, Philippines Support of four participants in a one-month course on agricultural project development | 1,400.00 | Mr. An-tien Hsieh National Taiwan University Taipei, Republic of China Travel grant to enable him to accept a scholarship offered to him by Harvard University | 854.20 |
| Association of Colleges of Agriculture in the Philippines..... University of the Philippines College, Laguna, Philippines Support of research entitled "Women Agriculture Graduates: A Growing Manpower Resource" | 2,100.00 | Kasetsart University..... Bangkok Thailand Travel grant to enable Rector M. C. Chakrabandhu to consult at Asian universities on programs of university development | 2,800.00 |
| Association of Colleges of Agriculture in the Philippines.. . . . University of the Philippines College, Laguna, Philippines Support of workshop/seminar on cooperatives | 1,841.00 | University of Malaya..... Department of Anthropology and Sociology Kuala Lumpur, Malaysia Support of research entitled "Land and Peasants in Malaysia" to be conducted by students of the department | \$5,000.00 |
| Chikliah Naicker College. Tamil Nadu India Support of research project entitled "Study of Agro-Industrial Integration in Coimbatore District" | \$2,000.00 | Oregon State University..... Department of Agricultural Economics Corvallis, Oregon Support for Mr. Yu-hsin Kao of the Joint Commission on Rural Reconstruction in Taipei to complete his Ph.D. program | 4,324.99 |
| Mr. Rogelio V. Cuyno..... Michigan State University East Lansing, Michigan Travel grant to conduct Ph.D. dissertation research in the Philippines | 1,277.10 | Dr. V. Ramalingaswami, Director..... All India Institute of Medical Sciences New Delhi, India Travel grant for participation in the RTN Seminar on Nutrition held at Princeton, New Jersey | 1,475.64 |

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| Dr. Florentino Solon, Director | 1,363.95 | Grants of travel and maintenance costs to five individuals in connection with the 1973 Triennial Conference of the International Association of Agricultural Economists held in Sao Paulo, Brazil in August 1973 | 12,565.72 |
| Cebu Institute of Medicine Cebu City, Philippines Travel grant for participation in the RTN Seminar on Nutrition held at Princeton, New Jersey | | Dr. Chao-chen Chen (National Taiwan University), Dr. Ho Tak Kim (Seoul National University, Korea), Dr. Aida R. Librero (University of the Philippines), Dr. Agoes Salim (Bank Pertanian, Malaysia), Dr. Sopin Tongpan (Kasetsart University, Thailand) | |
| Dr. Chyau Tuan | 1,406.78 | Grants of travel and maintenance to two persons in connection with the International Conference of Anthropological and Ethnological Sciences held in Chicago, Illinois in August 1973 | 4,030.83 |
| National Taiwan University Taipei, Republic of China Travel grant to return to Taipei and join the staff of the Department of Agricultural Economics, National Taiwan University | | Dr. Syed Husin Ali (University of Malaya, Malaysia), Dr. Wilfredo Arce (Ateneo de Manila University, Philippines) | |
| Seoul National University | \$ 973.00 | Book Grants to Asian Institutions Totaling | 4,437.59 |
| Department of Agricultural Economics Suwon, Korea Grant to purchase two calculators | | | |
| Grants of travel and maintenance costs to three persons in connection with a conference "Agricultural Development Theory" held in Bellagio, Italy, May 1973 | 4,073 30 | | |
| Dr. Raj Krishna (University of Rajasthan, India), Dr. Teng-hui Lee (Joint Commission on Rural Reconstruction, Taiwan), Dr. Mahar Mangahas (University of the Philippines) | | | |

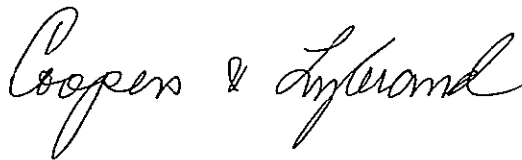
Accountants Opinion

COOPERS & LYBRAND
Certified Public Accountants

Mr. Donald H. McLean, Jr.,
Chairman of the Board of Trustees,
The Agricultural Development Council, Inc.:

We have examined the balance sheet of THE AGRICULTURAL DEVELOPMENT COUNCIL, INC. as of December 31, 1973 and the related statement of changes in funds for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statement of changes in funds present fairly the financial position of The Agricultural Development Council, Inc. at December 31, 1973 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

A handwritten signature in cursive script that reads "Coopers & Lybrand".

New York, February 28, 1974.

Financial Statements

BALANCE SHEET, December 31, 1973

ASSETS:

| | COMBINED | OPERATING FUND (Note 1) | SEGREGATED FUND (Note 1) | RESERVE FUND (Note 1) |
|---|--------------------|-------------------------------|--------------------------------|-----------------------------|
| Cash | \$ 57,291 | \$ 52,423 | | \$ 4,868 |
| Marketable securities, at cost, or at market at date of gift, as annexed* | 5,001,333 | 548,954 | | 4,452,379 |
| Accounts receivable (principally U. S. Government— Agency for International Development) | 26,264 | 1,854 | \$24,410 | |
| Dividends receivable and interest accrued | 5,982 | 5,982 | | |
| Advances and prepaid expenses | 37,281 | 36,781 | 500 | |
| Interfund accounts | | (3,645) | 3,645 | |
| | <u>\$5,128,151</u> | <u>\$642,349</u> | <u>\$28,555</u> | <u>\$4,457,247</u> |

LIABILITIES and FUNDS:

| | | | | |
|---|--------------------|------------------|-----------------|--------------------|
| Accounts payable and accrued expenses | \$ 8,560 | \$ 8,560 | | |
| Federal excise tax | 18,700 | 18,700 | | |
| | <u>27,260</u> | <u>27,260</u> | | |
| Fund balances, as annexed | 5,100,891 | 615,089 | \$28,555 | \$4,457,247 |
| | <u>\$5,128,151</u> | <u>\$642,349</u> | <u>\$28,555</u> | <u>\$4,457,247</u> |
| *Marketable securities priced at market at end of year amounted to | <u>\$5,131,791</u> | <u>\$539,394</u> | | <u>\$4,592,397</u> |

See accompanying notes

Notes to Financial Statements

1. Significant accounting policies of the Council are summarized below:

- Fellowships are granted by the Council for a period of 12 months, subject to possible, but not automatic, renewal. The Operating Fund had a commitment of \$296,500 at December 31, 1973 for unexpired portions of annual awards.
- The Segregated Fund consists of funds received by the Council for specific purposes and is not considered a part of the Operating Fund.

- The Reserve Fund consists of appropriations for the future financing of the Council's programs.
- Interest and dividends received from investments held by the Reserve Fund are credited to the Operating Fund and amounted to \$174,607 in 1973.
- The Council has a noncontributory retirement income plan covering substantially all its employees. Total expense for the year under this

STATEMENT OF CHANGES IN FUNDS for the year ended December 31, 1973

| | <u>COMBINED</u> | <u>OPERATING FUND</u> | <u>SEGREGATED FUND</u> | <u>RESERVE FUND</u> |
|--|--------------------|---------------------------|----------------------------|-------------------------|
| REVENUE: | | | | |
| Grants received: | | | | |
| Rockefeller Brothers Fund, Inc. | \$ 200,000 | \$ 200,000 | | |
| John D. Rockefeller, 3rd | 411,493 | 411,493 | | |
| The Ford Foundation | 320,500 | 200,000 | \$120,500 | |
| International Development Research Center | 156,421 | 156,421 | | |
| Cost reimbursements from U. S. Government— | | | | |
| Agency for International Development | 300,227 | 200,000 | 100,227 | |
| Net gain (loss) from sale of securities | 288,421 | (2,107) | | \$ 290,528 |
| Interest and dividends (Note 1) | 195,331 | 195,331 | | |
| Other additions, net | 12,822 | 12,822 | | |
| | <u>1,885,215</u> | <u>1,373,960</u> | <u>220,727</u> | <u>290,528</u> |
| EXPENDITURES | | | | |
| Program expenses: | | | | |
| Direct | 1,276,707 | 1,080,111 | 196,596 | |
| Administrative expenses | 380,612 | 368,972 | 11,640 | |
| | <u>1,657,319</u> | <u>1,449,083</u> | <u>208,236</u> | |
| Federal Excise Tax | 18,700 | 18,700 | | |
| | <u>1,676,019</u> | <u>1,467,783</u> | <u>208,236</u> | |
| Excess of revenue (expenditures) | 209,196 | (93,823) | 12,491 | 290,528 |
| Fund balances: | | | | |
| January 1, 1973 | 4,891,695 | 708,912 | 16,064 | 4,166,719 |
| December 31, 1973 | <u>\$5,100,891</u> | <u>\$ 615,089</u> | <u>\$ 28,555</u> | <u>\$4,457,247</u> |
| See accompanying notes | | | | |

plan was approximately \$68,000. The Council's policy is to fund pension cost accrued.

- The Council has a lease agreement for office space at an annual rental of approximately \$65,000, expiring December 31, 1975.

SCHEDULE OF MARKETABLE SECURITIES December 31, 1973

| | <u>PRINCIPAL AMOUNTS OR SHARES</u> | <u>BOOK AMOUNTS*</u> | <u>MARKET QUOTATIONS**</u> |
|---|--|--------------------------|--------------------------------|
| OPERATING FUND: | | | |
| Common stocks: | | | |
| Lubrizol Corp. | 9,150 Shs. | \$ 351,131 | \$ 340,838 |
| Total common stocks | | <u>351,131</u> | <u>340,838</u> |
| Bonds: | | | |
| United States Treasury Bills, due January 24, 1974 | \$100,000 | 99,203 | 99,563 |
| United States Treasury Bills, due February 21, 1974 | 100,000 | 98,620 | 98,993 |
| Total bonds | | <u>197,823</u> | <u>198,556</u> |
| | | <u>\$ 548,954</u> | <u>\$ 539,394</u> |
| RESERVE FUND: | | | |
| Common stocks | | | |
| Alcan Aluminium Ltd. | 9,000 Shs. | \$ 249,560 | \$ 358,875 |
| American Air Filter Company, Inc. | 10,600 | 346,575 | 141,775 |
| Bendix Corp. | 6,000 | 257,365 | 150,000 |
| Beneficial Corp. | 5,700 | 177,382 | 147,487 |
| Caterpillar Tractor Co. | 5,000 | 313,596 | 335,000 |
| Eastman Kodak Company | 2,500 | 41,900 | 290,000 |
| Exxon Corp. | 3,500 | 264,614 | 329,438 |
| General Motors Corp. | 3,600 | 267,320 | 166,050 |
| International Business Machines Corp. | 1,875 | 68,432 | 462,656 |
| Kellogg Co. | 18,600 | 298,543 | 288,300 |
| Mead Corp. | 16,000 | 269,873 | 286,000 |
| Pennzoil Co. | 12,000 | 390,046 | 321,000 |
| Pfizer Inc | 7,000 | 303,755 | 301,000 |
| Polaroid Corp. | 2,500 | 259,358 | 174,687 |
| Southern Co. | 12,500 | 240,212 | 200,000 |
| Standard Oil Company of California | 7,000 | 184,625 | 245,000 |
| United Aircraft Corp. | 9,500 | 351,753 | 225,625 |
| Total common stocks | | <u>4,284,909</u> | <u>4,422,893</u> |
| Bonds: | | | |
| United States Treasury Bills, due January 17, 1974 | \$170,000 | 167,470 | 169,504 |
| Total bonds | | <u>167,470</u> | <u>169,504</u> |
| | | <u>\$4,452,379</u> | <u>\$4,592,397</u> |

*Book amounts represents cost, if purchased, or market price at the date of gift

**Market quotations are based on last sales prices on December 31, 1973 or in absence thereof, on closing bid prices

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